





How to change front strut mount on Skoda Fabia 6Y5 – replacement guide

 VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
SKODA FABIA I (6Y2) 1.2, SKODA FABIA I Combi (6Y5) 1.2, SKODA FABIA I Praktik (6Y5) 1.2, SKODA FABIA I Saloon (6Y3) 1.2

The steps may slightly vary depending on the car design.

REPLACEMENT: STRUT MOUNT – SKODA FABIA 6Y5. TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 13
- Drive socket # 16
- Drive socket # 18
- 12-point socket # 36
- HEX bit No.H5.
- HEX bit No.H7.
- Combination spanner #16
- Combination spanner #18
- Combination spanner #21
- Wheel impact socket #17
- Shock absorber socket
- Ratchet wrench
- Torque wrench
- Tap wrench
- Pin punch
- Hammer
- Crow bar
- Hydraulic strut spring compressor
- Hydraulic transmission jack
- Fender cover
- Wheel chock

Replacement: strut mount – Skoda Fabia 6Y5. Tip from AUTODOC:

- All mounts of the front shock struts should be replaced simultaneously.
- The replacement procedure is identical for the mounts of the left and right shock struts of the front suspension.
- Be sure to replace all self-locking nuts and bolts during installation.
- Warning! Shut down the engine before starting any work – Skoda Fabia 6Y5.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



Open the bonnet.

2



Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3



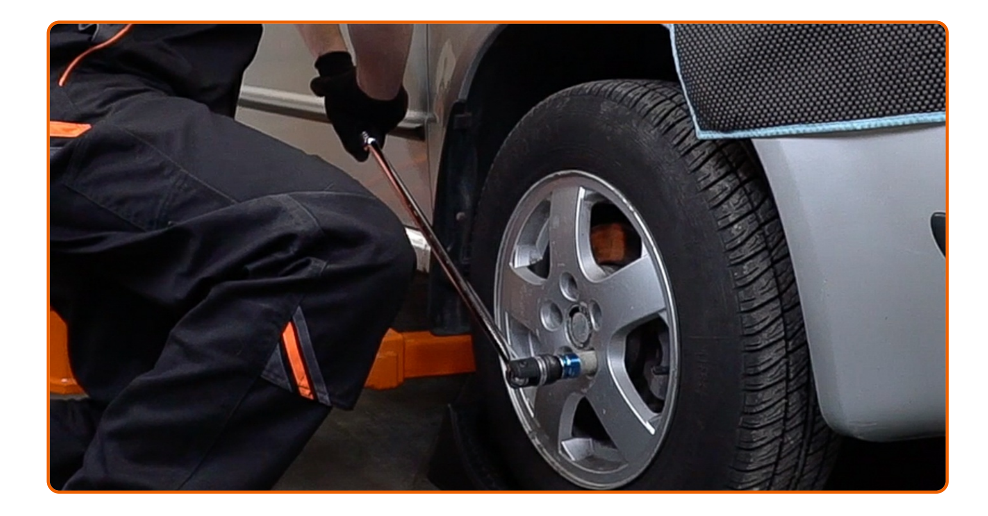
Loosen the upper fastener of the shock strut mount. Use a drive socket #13. Use a ratchet wrench.

4



Secure the wheels with chocks.

5



Loosen the wheel mounting bolts. Use wheel impact socket #17.

6



Remove the hub bearing protection cap.

Please note!

- Some cars are not equipped with wheel hub caps.

7



Unscrew the hub lock nut. Use drive 12-point socket #36.

8



Raise the front of the car and secure on supports.

9

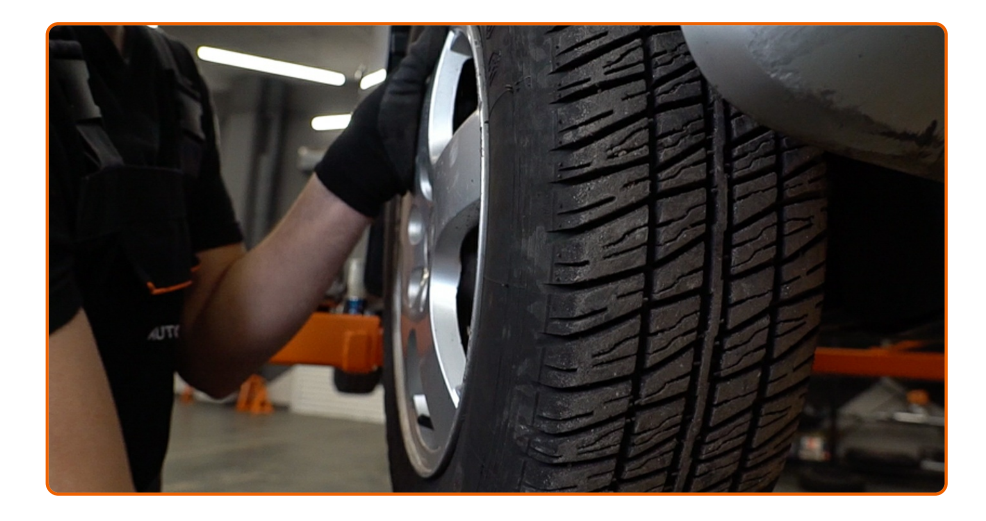


Unscrew the wheel bolts.

Replacement: strut mount – Skoda Fabia 6Y5. AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

10



Remove the wheel.

11.1



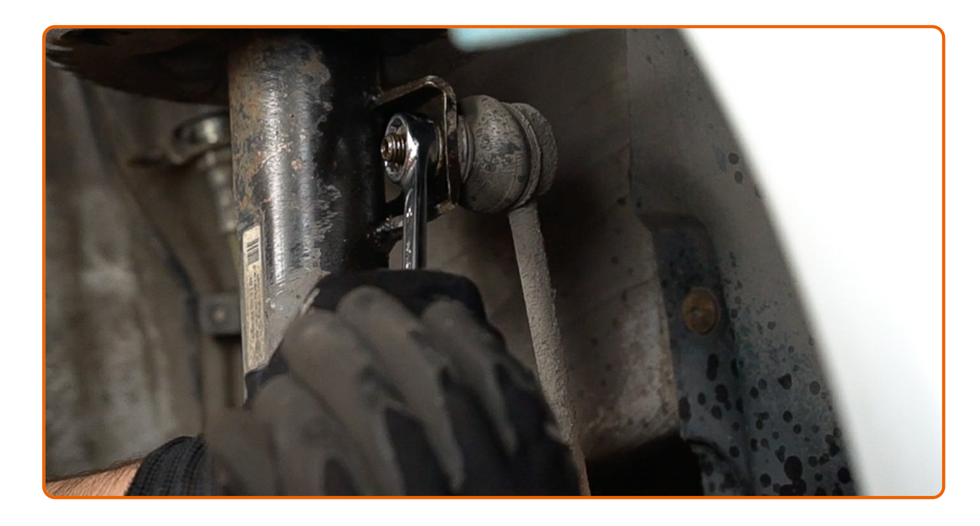
Clean the fasteners connecting the stabiliser link to the shock strut, and those connecting the shock strut to the steering knuckle.

11.2



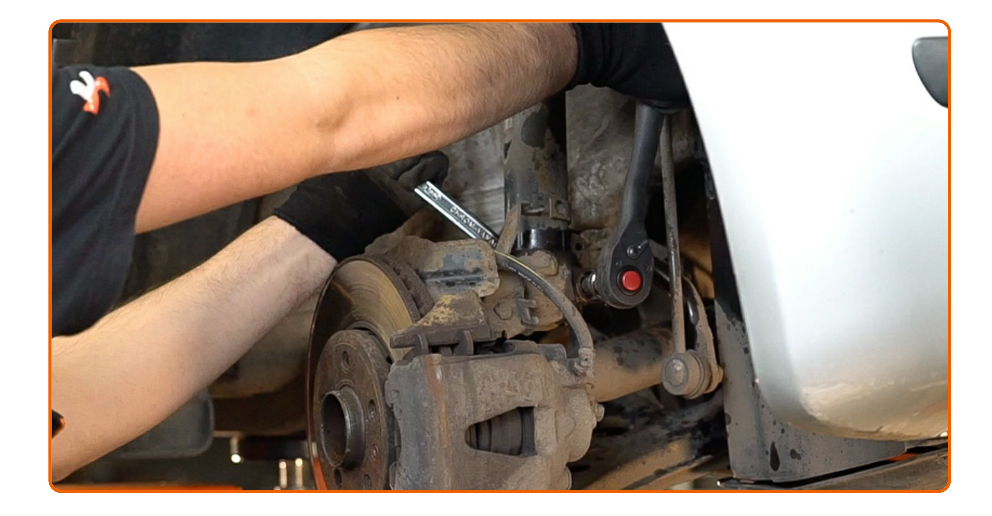
Use a wire brush. Use WD-40 spray.

12



Unscrew the nut and remove the stabilizer rod from the shock strut. Use a combination spanner #16. Use HEX No.H5. Use a ratchet wrench.

13



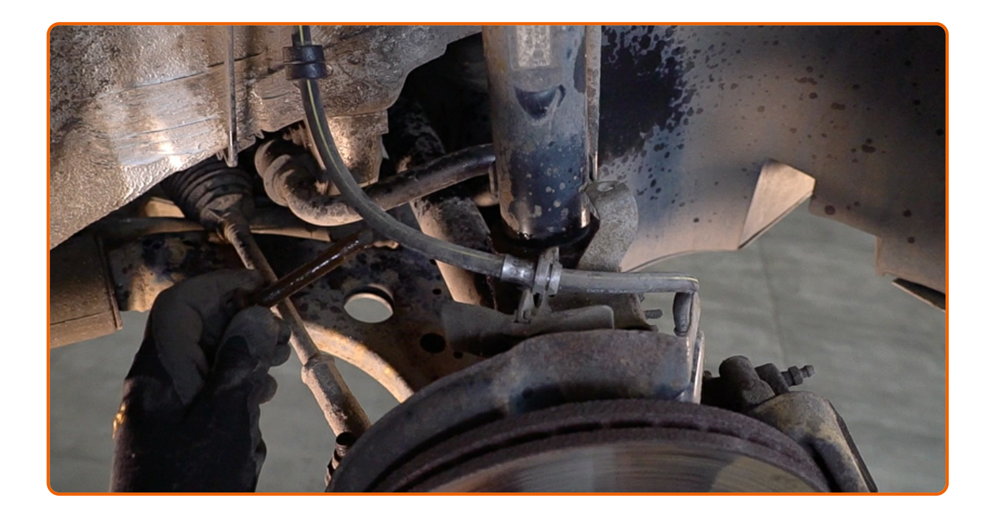
Unscrew the lower fastener connecting the shock strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a tap wrench.

14



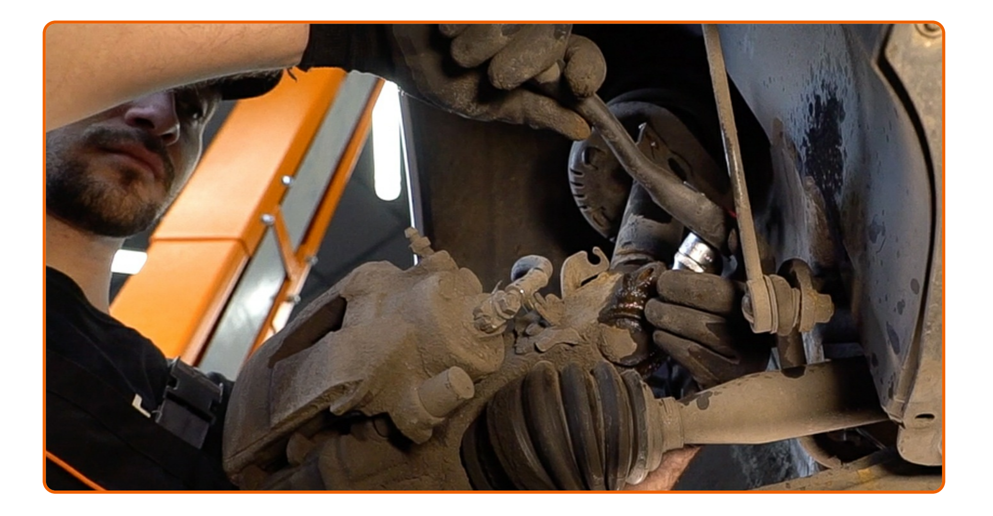
Detach the brake hose from the shock strut. Use a crowbar.

15



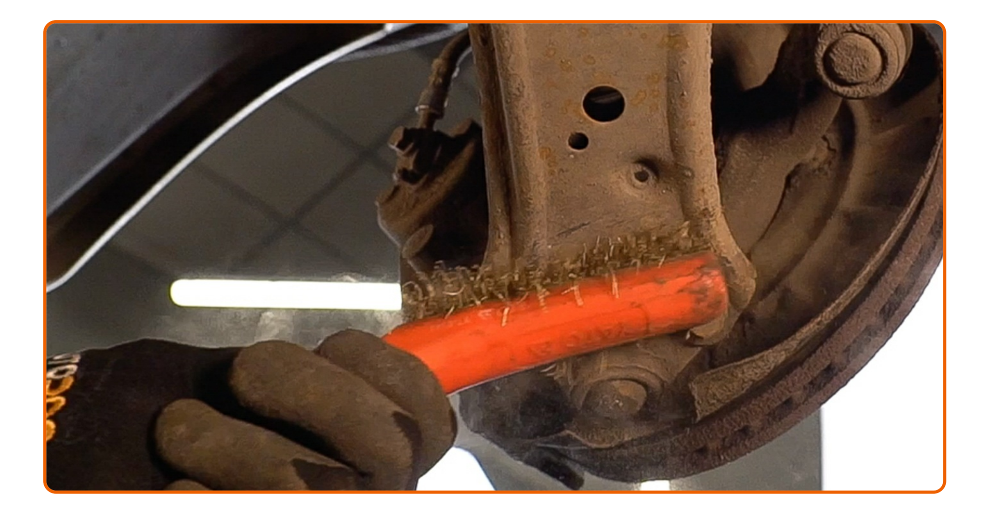
Remove the fastening bolt.

16



Release the lower fastener connecting the shock strut to the steering knuckle. Use a special drive socket to remove the shock absorber. Use a ratchet wrench.

17



Clean the ball joint mounting seat. Use a wire brush. Use WD-40 spray.

18



Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #13. Use a ratchet wrench.

19



Prop up the steering knuckle. Use a hydraulic transmission jack.

20



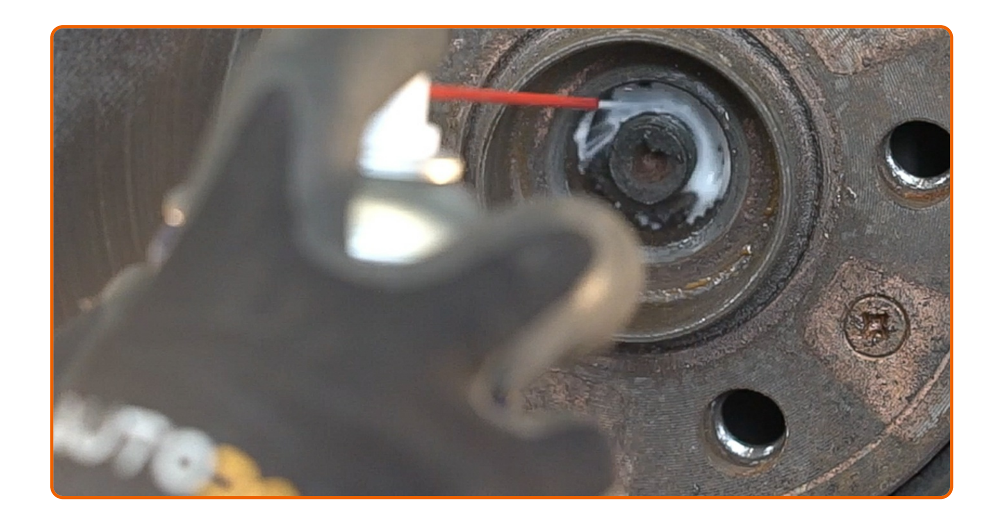
Disconnect the spherical joint from the arm. Use a crowbar.

21



Unscrew the fastener connecting the drive shaft to the wheel hub. Use drive 12-point socket #36.

22



Treat the mounting seat of the driveshaft on the steering knuckle. Use WD-40 spray.



23

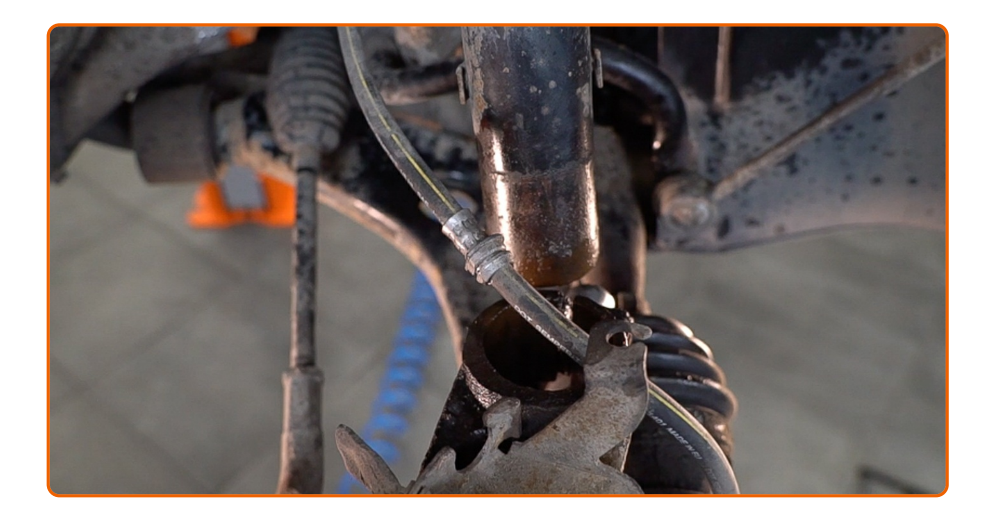


Pull the drive shaft out of the steering knuckle and lifting it, tie to the body. Use a pin punch. Use a hammer.

Replacement: strut mount – Skoda Fabia 6Y5. AUTODOC experts recommend:

- Make sure that the drive shaft is not unloaded (when the car is jacked).

24



Disconnect the steering knuckle from the shock absorber strut. Use a pin punch. Use a hammer.

25



Lower the hydraulic transmission jack by 10-15 cm.

AUTODOC recommends:

- Replacement: strut mount – Skoda Fabia 6Y5. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.
- Make sure that the steering knuckle is not released from load.

26

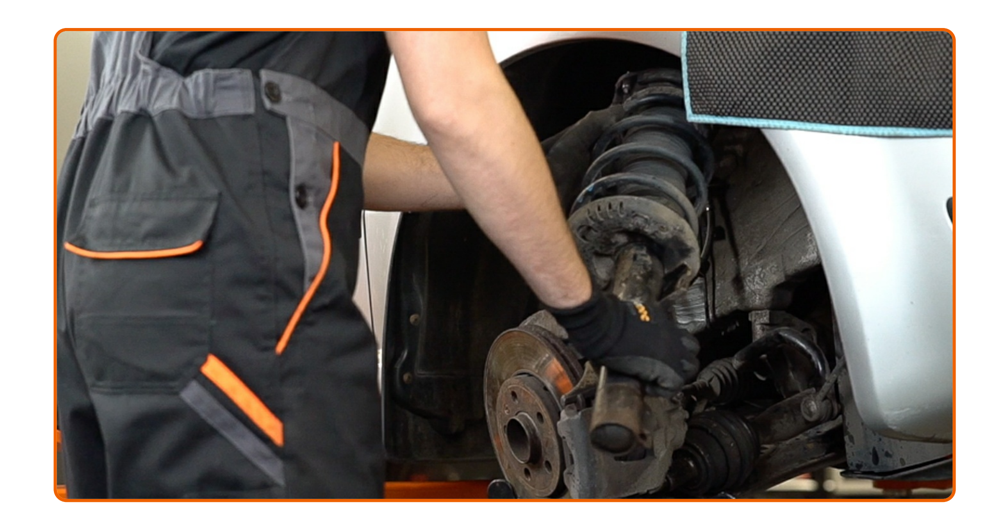


Unscrew the top fastening of the shock strut mount. Use a drive socket #13. Use a ratchet wrench.

Replacement: strut mount – Skoda Fabia 6Y5. Tip from AUTODOC experts:

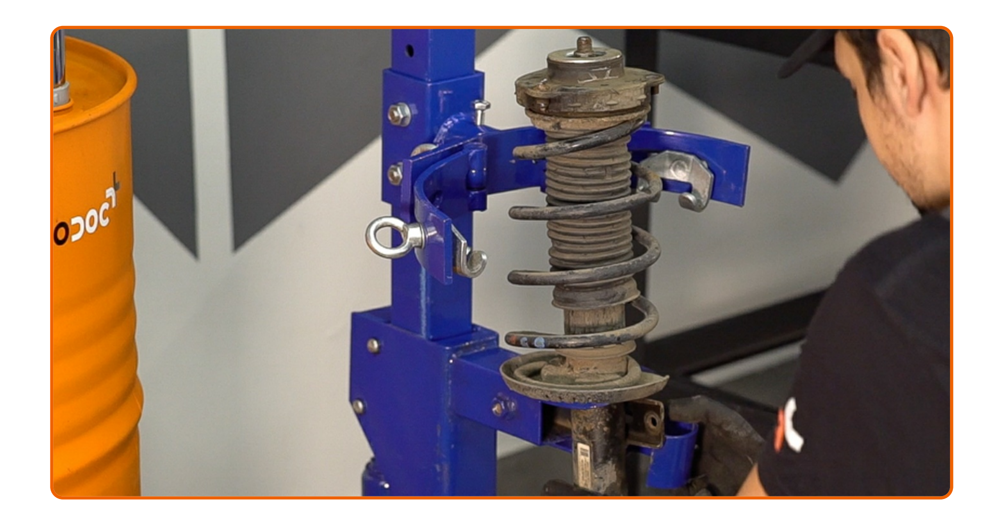
- To avoid injuries, hold the shock strut when undoing the fastening bolts.

27



Remove the suspension strut.

28



Set the shock absorber strut on the spring compressor tool.



Replacement: strut mount – Skoda Fabia 6Y5. Professionals recommend:

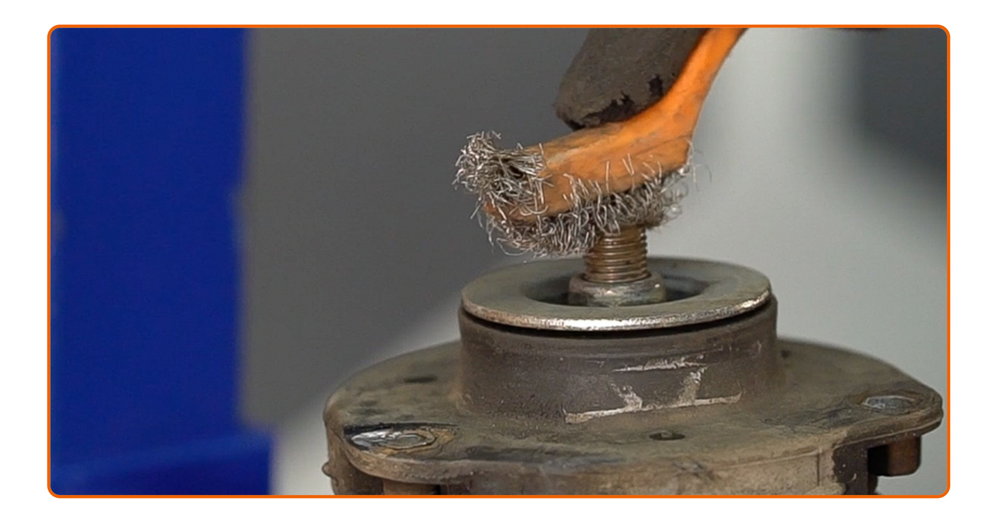
- Note that when using a spring compressor, spring coils need to be securely gripped, compressing the spring on the opposite sides.
- Ensure the correct position of the spring in the retainer.
- Make sure that the spring coils tightly entered the lock handles.

29



Compress the spring.

30



Clean the shock absorber rod. Use a wire brush. Use WD-40 spray.

31



Remove the strut piston rod nut. Use a combination spanner #21. Use HEX No.H7. Use a ratchet wrench.

32



Remove the shock absorber mount, boot and bump stop.

Replacement: strut mount – Skoda Fabia 6Y5. Tip:

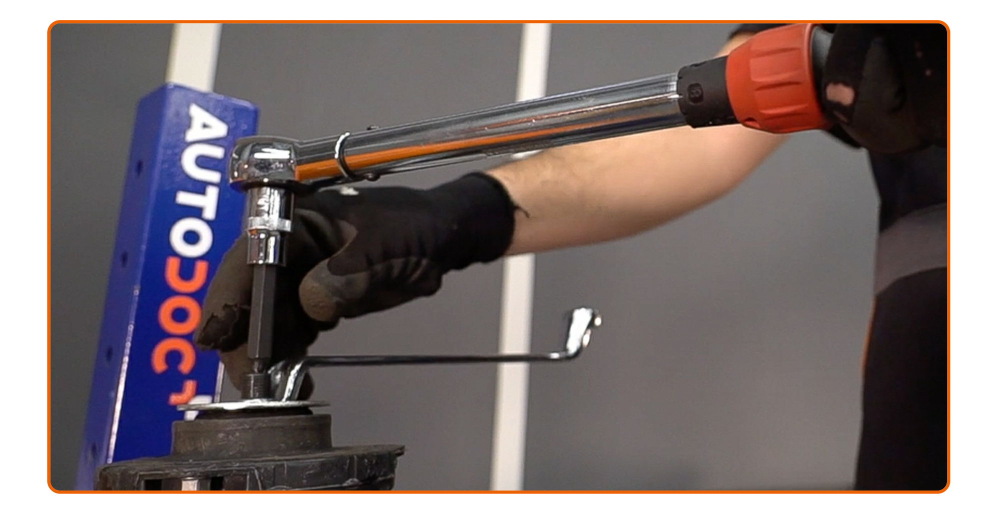
- Examine the shock absorber dust cap and the bump stop. Replace them if necessary.

33



Install the new mount, boot, and bump stop on the shock absorber.

34

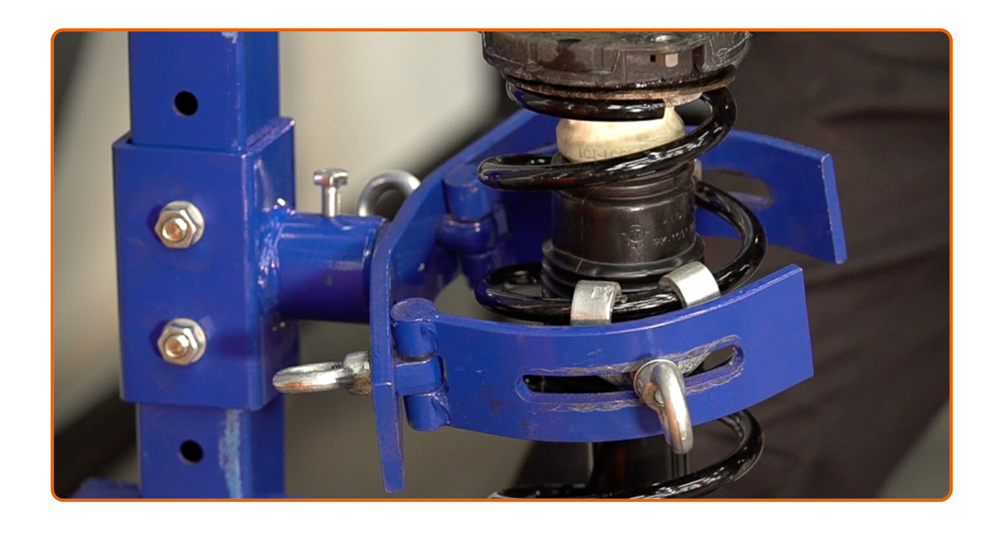


Tighten the shock strut piston rod nut. Use a combination spanner #21. Use HEX No.H7. Use a torque wrench. Tighten it to 60 Nm torque.

Replacement: strut mount – Skoda Fabia 6Y5. AUTODOC recommends:

- Check to make sure the spring is positioned correctly. Avoid its misalignment.

35



Decompress the spring.

36



Remove the assembled shock strut.

37



Install the shock strut into the wheel arch.

38

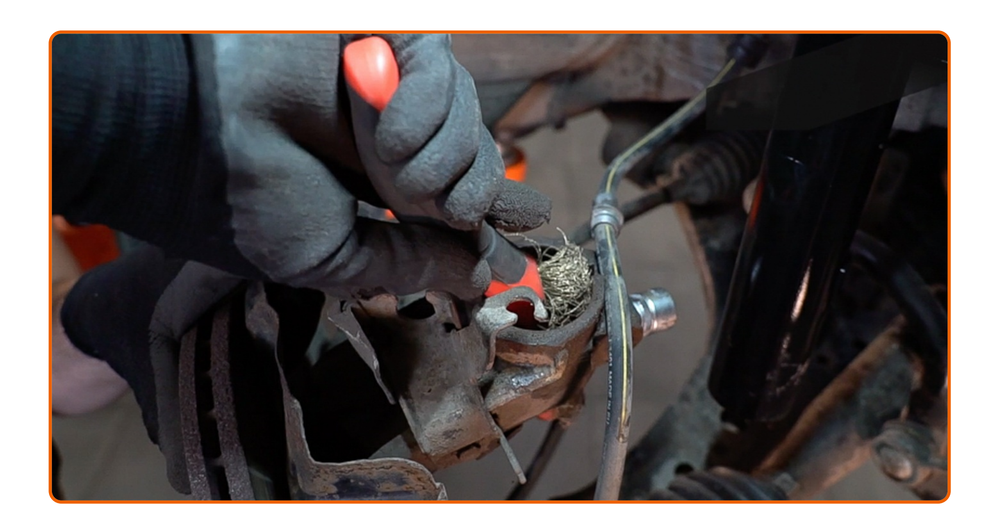


Screw the top fastening of the shock strut mount. Do not tighten it.

AUTODOC recommends:

- Important! Hold the suspension strut while screwing in the fastening bolts. Skoda Fabia 6Y5

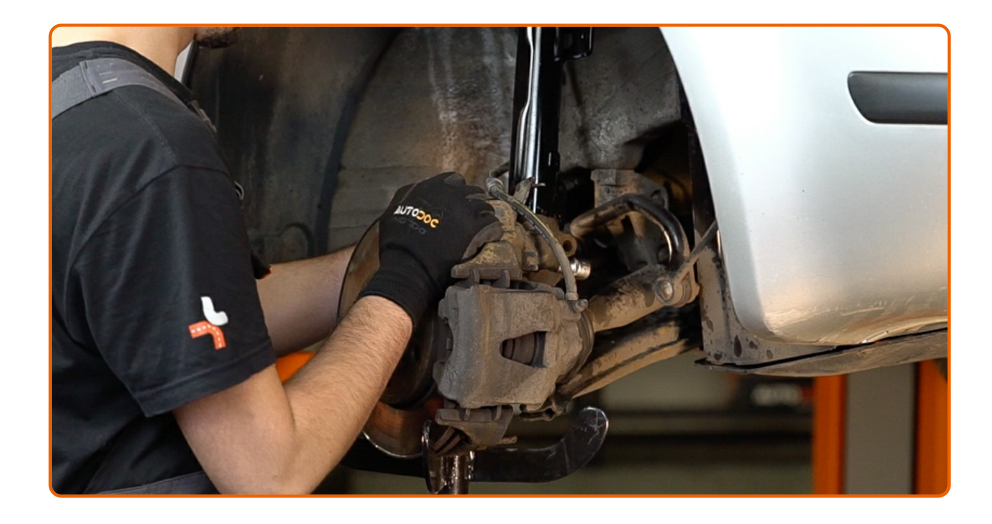
39



Treat the shock strut mounting seat on the steering knuckle. Use a wire brush. Use WD-40 spray.

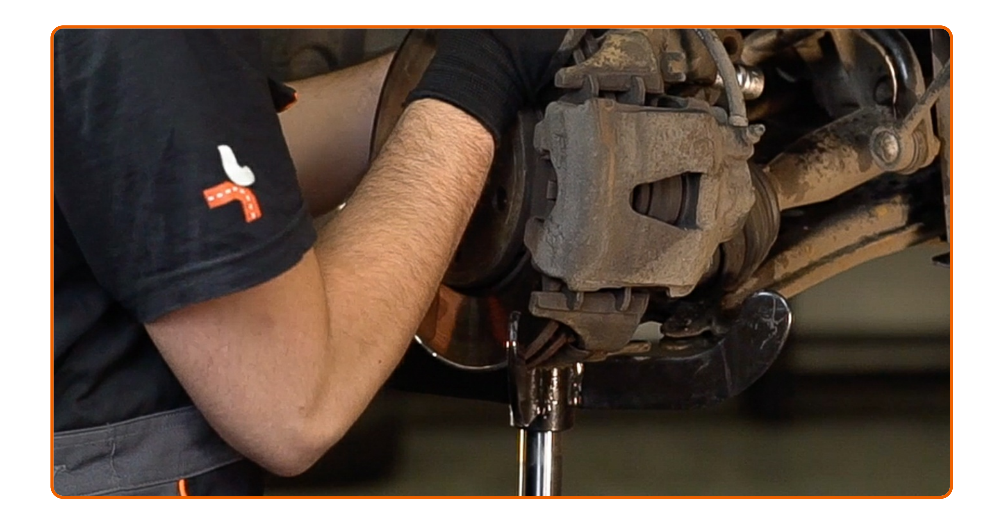


40



Fix the shock absorber strut on the steering knuckle.

41



Prop up the steering knuckle. Use a hydraulic transmission jack.

42



Clean the splines of the drive shaft CV joint. Use WD-40 spray.

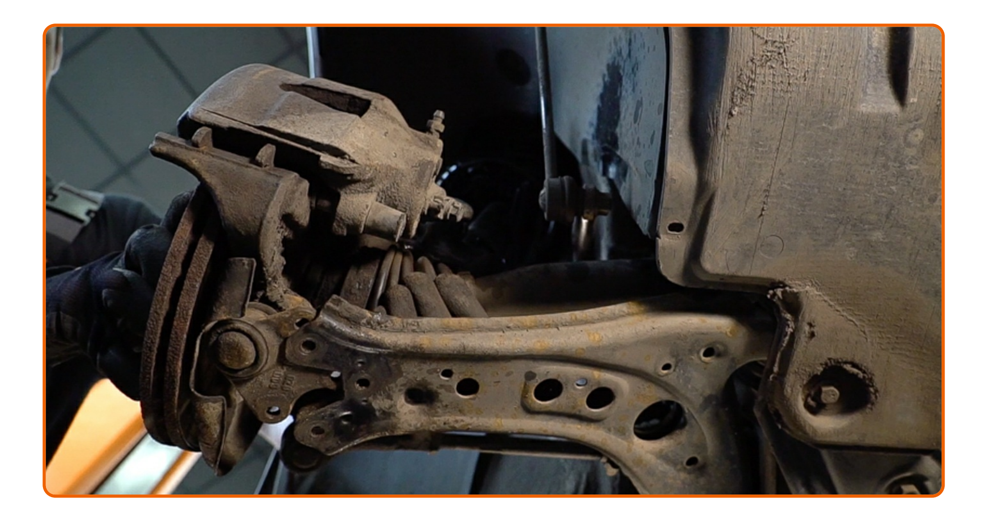
43



Install the drive shaft.



44

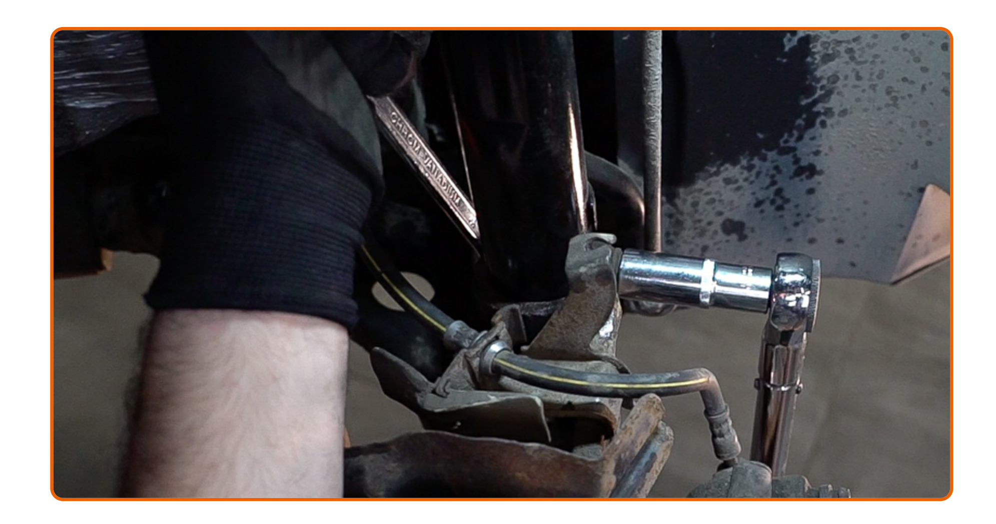


Remove the support from under the steering knuckle.

AUTODOC recommends:

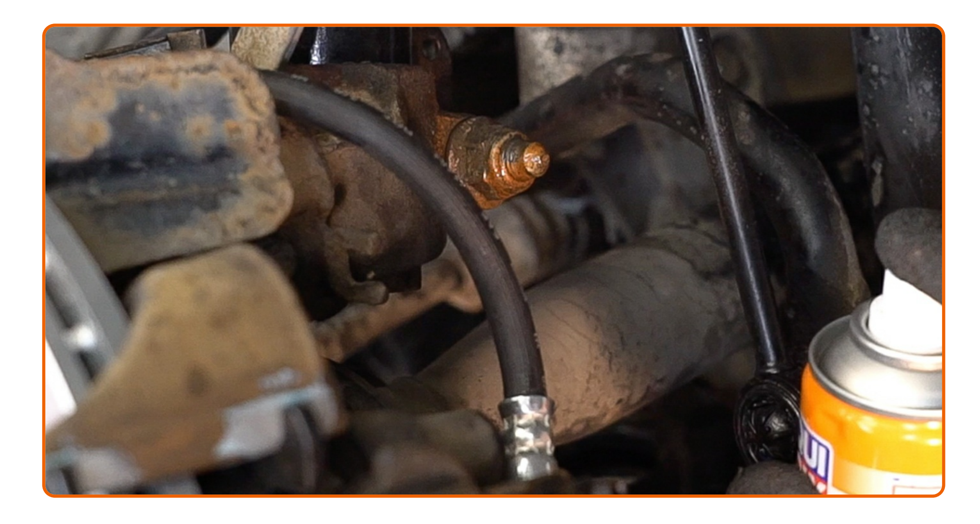
- Skoda Fabia 6Y5 – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

45



Install and tighten a new bolt of the steering knuckle. Use a drive socket #18. Use a combination spanner #18. Use a torque wrench. Tighten it to 90 Nm torque.

46



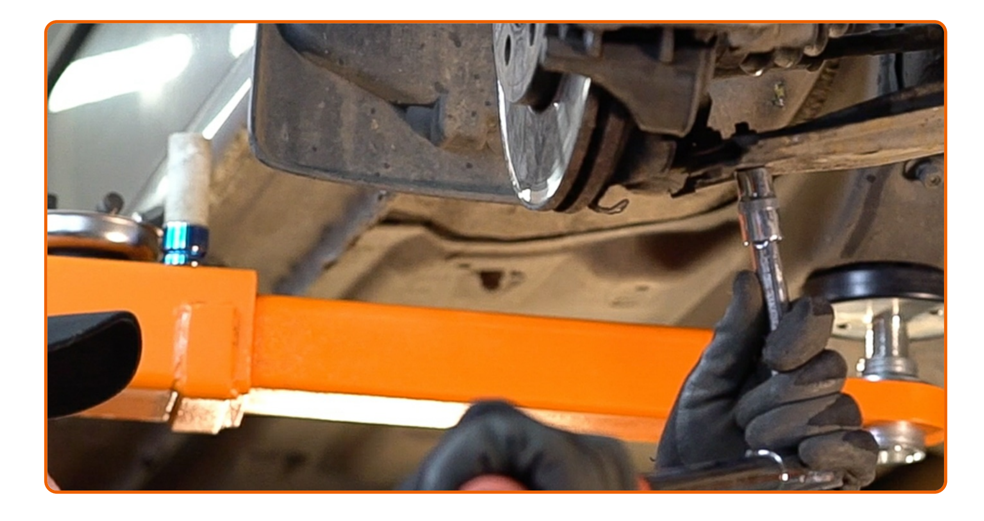
Treat the shock strut fasteners. Use copper grease.

47



Attach the ball joint to the control arm.

48



Tighten the ball joint fastener. Use a drive socket #13. Use a torque wrench. Tighten it to 45 Nm torque.

49



Screw the nut of the drive shaft. Use drive 12-point socket #36.

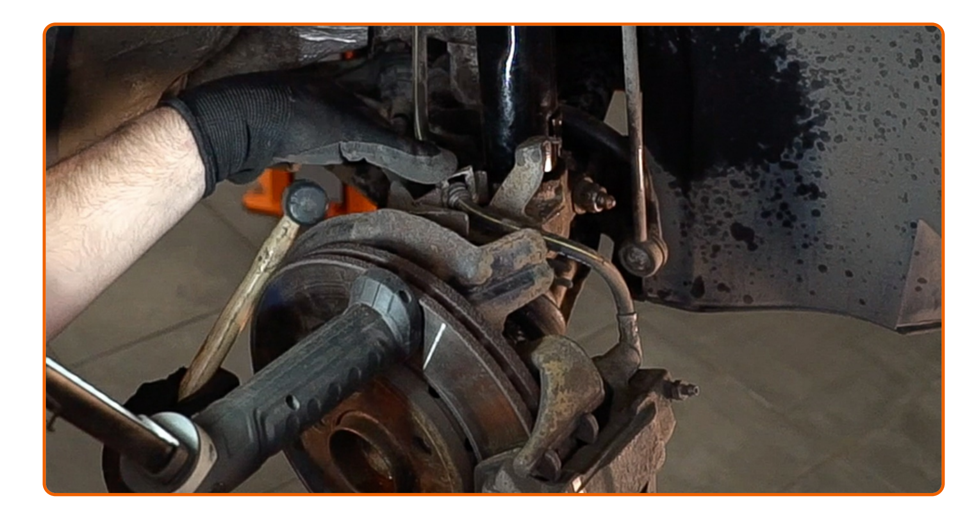


50



Secure the stabilizer link on the suspension strut. Use a combination spanner #16. Use HEX #H5. Use a torque wrench. Tighten it to 55 Nm torque.

51



Fasten the brake hose on the strut.

52



Clean the wheel rim mounting seat. Use a wire brush. Treat the contacting surface. Use copper grease.

53



Screw in the wheel bolts. Use wheel impact socket #17.

Replacement: strut mount – Skoda Fabia 6Y5. Tip from AUTODOC experts:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

54



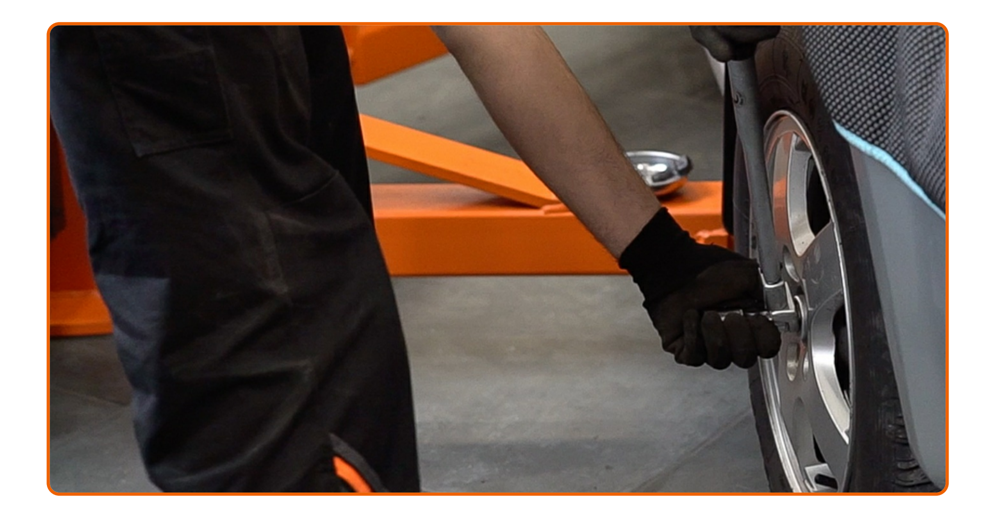
Lower the car.

55



Tighten the upper fastener of the shock absorber strut mount. Use a drive socket #13. Use a torque wrench. Tighten it to 30 Nm torque.

56



Screw the wheel hub lock nut. Use drive 12-point socket #36. Use a torque wrench. Tighten it to 80 Nm torque.

57



Tighten the wheel bolts using a criss-cross pattern. Use a torque wrench. Tighten it to 120 Nm torque.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO



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